BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Modified Estimate for Construction of Concete Steps to Suverna Mahosthava Ground in Ward No. 09, Vidyaranyapura Sub Division.

							Estimate Cost Rs.	971642.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **Page No. 5 / Item No. 2.4/ PWD SR 2013-14**	Cum							
	From Basket Ball to End of the ground		1	30.00	0.45	0.45	6.08		
			1	30.00	0.45	0.45	6.08		
			1	30.00	0.45	0.45	6.08		
			1	30.00	0.45	0.45	6.08		
			1	11.00	0.45	0.45	2.23		
	LHS		1	30.00	0.45	0.45	6.08		
			1	30.00	0.45	0.45	6.08		
			1	29.10	0.45	0.45	5.89		
	Pillars		16	0.30	0.45	0.45	0.97		
	From Basket Ball to End of the ground		1	30.00	0.50	0.50	7.50		
			1	30.00	0.50	0.50	7.50		
			1	30.00	0.50	0.50	7.50		
			1	30.00	0.50	0.50	7.50		
			1	11.00	0.50	0.50	2.75		
	For Steps		1	2.65	0.60	0.45	0.72		
			1	9.20	5.60	0.20	10.30	TP	
	Total Executed Qty						**89.31**	223.32	**19945.00**
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12 / Item No. 4.3/ PWD SR 2013-14**	Cum							
	From Basket Ball to End of the ground		1	30.00	0.30	0.15	1.35		
			1	30.00	0.30	0.15	1.35		
			1	30.00	0.30	0.15	1.35		
			1	30.00	0.30	0.15	1.35		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	11.00	0.30	0.15	0.50		
	LHS		1	30.00	0.30	0.15	1.35		
			1	30.00	0.30	0.15	1.35		
			1	29.10	0.30	0.15	1.31		
	Pillars		16	0.30	0.30	0.15	0.22		
	For Step		1	2.65	0.60	0.15	0.24	TP	
	Total Executed Qty						**10.36**		
	Qty up to 125%						**4.69**	4205.02	**19711.00**
	Qty Above 125%						**5.67**	4205.02	**23849.00**
3	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13 / Item No. 4.11/ PWD SR 2013-14**	Cum							
	For Side Walls from Basket Ball ground to end		1	30.00	0.15	0.60	2.70		
			1	30.00	0.15	0.60	2.70		
			1	30.00	0.15	0.60	2.70		
			1	30.00	0.15	0.60	2.70		
			1	11.00	0.15	0.60	0.99		
	For landing		1	30.00	0.65	0.10	1.95		
			1	30.00	0.65	0.10	1.95		
			1	30.00	0.65	0.10	1.95		
			1	30.00	0.65	0.10	1.95		
			1	11.00	0.65	0.10	0.72		
	Pillars		16	0.30	0.23	1.20	1.32		
	Side Walls		1	30.00	0.23	1.20	8.28		
			1	30.00	0.23	1.20	8.28		
			1	29.10	0.23	1.20	8.03		
	LHS Slabs		1	30.00	0.60	0.10	1.80		
			1	30.00	0.60	0.10	1.80		
			1	29.10	0.60	0.10	1.75		
	Step		1	2.65	0.60	0.30	0.48		
			1	2.65	0.30	0.20	0.16		
	Coping								
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		
			1	30.00	0.45	0.10	1.35		
			1	18.00	0.45	0.10	0.81		
							65.16	5526.96	**360156.00**
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2/ PWD SR 2013-14**	Qtl						TP	
	For Steps @ 90 Kg/Cum		0.90	65.16			**58.65**	7301.90	**428235.00**
5	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17/ Item No. 4.34 / PWD SR 2013-14**	Sqm							
	For Side Walls from Basket Ball ground to end		2	30.00	0.60		36.00		
			2	30.00	0.60		36.00		
			2	30.00	0.60		36.00		
			2	30.00	0.60		36.00		
			2	11.00	0.60		13.20		
	Pillars		16x3	0.20	1.00		9.60		
	Side Walls		2	30.00	1.20		72.00		
			2	30.00	1.20		72.00		
			2	29.10	1.20		69.84		
	LHS Slabs		1	30.00		0.60	18.00		
			1	30.00		0.60	18.00		
			1	29.10		0.60	17.46	TP	
			1	30.00	0.10		3.00		
			1	30.00	0.10		3.00		
			1	29.10	0.10		2.91		
	Coping								
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		
			2	30.00		0.10	6.00		
			2	18.00		0.10	3.60		
	Total Executed Qty						**500.61**		
	Qty up to 125%						**225.00**	239.20	**53820.00**
	Qty Above 125%						**275.61**	239.20	**65926.00**
								Total	**971642.00**

(Rupees Nine Lakhs Seventy One Thousand Six Hundred and Fourty Two Only)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer 20/09/14

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division